Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.												
\exists			UTILITY			ney Docket No.	1	9USA	and OMB contro	ol number.	١	
\Box			APPLICATIO	N	First	nventor	Isam	u Okabe	et al.		1	
co	•	TRA	NSMITTAL		Title				TRANSMIS	SSTON	DE:	VICE
4	(Only fo	r new nonprovisi	onal applications under 37 Cf	R 1.53(b))	Expre	ss Mail Label No.		.574572U				VICE
	See MPE	APPLIC J chapter 600 cor	ATION ELEMENTS	ion contents.		RESS TO:	Mail Stop I Commission	Patent Applica oner for Paten	ition ts	P.T.D.	 	
6	1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 15] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 7] 5. Oath or Declaration [Total Sheets 3] - a. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) - name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76			8. N (iii) a b 10. L 11. L 12. L 13. L 14. X 15. L 16. L	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					# <i>L11</i> 01		
s,	18. If a CONTI pecification fo	NUING APPLIC Howing the title	CATION, check appropria , or in an Application Data	te box, and su Sheet under	ipply the re 37 CFR 1.	andale informati	below and	in the first se	entence of the	,		
Continuation Divisional Continuation-in-part (CIP) of prior application No.:												
Prior application information: Examiner												
19. CORRESPONDENCE ADDRESS												
Customer Number: 00270 OR 🖾 Correspondence address below												
Name George A. Smith, Jr.												
Address Box 457									-			
				State	PA		Zip Code	19477				
	ountry	USA		7	elephone	215-540-92	00	Fax	215-540	-5818		
N	ame (Print/Typ	e) Geor	ge A. Smith Jr		Registra	tion No. (Attorney/		24,447	510	7		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

S CCC TDANQMITTA	Complete if Known						
FEE TRANSMITTA	Application Number						
e for FY 2004	Filing Date						
© Effective 10/01/2003. Patent fees are subject to annual revision.	First Named Inventor Isamu Okabe et al.						
	Examiner Name						
pplicant claims small entity status. See 37 CFR 1.27	Art Unit						
TOTAL AMOUNT OF PAYMENT (\$) 770.00	Attorney Docket No. TWA99USA						
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
Check Credit card Money Other None	3. ADDITIONAL FEES Large Entity Small Entity						
Order C							
Deposit Account:	Fee Fee Fee Fee Fee Description Code (\$) Code (\$)						
Account Number 08-3040	1051 130 2051 65 Surcharge - late filing fee or oath						
Deposit Account Howson and Howson	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet						
Name	1053 130 1053 130 Non-English specification						
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination						
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action						
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action						
to the above-identified deposit account.	1251 110 2251 55 Extension for reply within first month						
FEE CALCULATION	1252 420 2252 210 Extension for reply within second month						
1. BASIC FILING FEE Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month						
Fee Fee Fee Fee Description Fee Paid	1254 1,480 2254 740 Extension for reply within fourth month						
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 770 00	1255 2,010 2255 1,005 Extension for reply within fifth month						
1001 770 2001 385 Offinity litting fee 770.00	1401 330 2401 165 Notice of Appeal						
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal						
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing						
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding						
SUBTOTAL (1) (\$) 770.00	1452 110 2452 55 Petition to revive - unavoidable						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330 2453 665 Petition to revive - unintentional						
Fee from	(30) 1,300 2301 300 31111, 100 (3111)						
Total Claims 1 .20** = 0 X 0.00 = 0.00	1						
Independent $\begin{bmatrix} 1 \\ 3 \end{bmatrix}$ $\begin{bmatrix} 3 \end{bmatrix}$ $\begin{bmatrix} 1 \\ 3 \end{bmatrix}$ $\begin{bmatrix} 1 \\ 3 \end{bmatrix}$ $\begin{bmatrix} 1 \\ 3 \end{bmatrix}$	1503 640 2503 320 Plant issue fee 1460 130 Petitions to the Commissioner						
Claims Multiple Dependent							
Large Entity Small Entity							
Fee Fee Fee <u>Fee Description</u>	Recording each patent assignment per						
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	property (times number of properties)						
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))						
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))						
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770 2801 385 Request for Continued Examination (RCE)						
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application						
(a) 0.00	Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)						

SUBMITTED BY		(Complete (if applicable))			
Name (Print/Type)	George A. Smith, Jr.	Registration No. (Attorney/Agent) 24,442	Telephone	215-540-9200	
Signature	I want		Date	02/06/04	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

De Included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.